

09/17/95 716

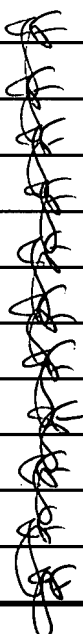
Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. M140-322		SERIAL NO. Unknown	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT Mark E. Tuttle et al.			
					FILING DATE Filed Herewith		GROUP Unknown	
U.S. PATENT DOCUMENTS								
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate		
JF	AA	5,497,140	3/5/96	John R. Tuttle	342	51	12/17/93	
	AB	5,494,495	2/27/96	Mark E. Tuttle	29	623.2	10/11/94	
	AC	5,486,431	1/23/96	John R. Tuttle et al.	429	66	3/2/94	
	AD	5,480,462	1/2/96	Mark E. Tuttle	29	623.5	7/6/94	
	AE	5,448,110	9/5/95	John R. Tuttle et al.	257	723	9/14/93	
	AF	5,432,027	7/11/95	Mark E. Tuttle et al.	429	127	3/2/94	
	AG	5,350,645	9/27/94	Rickie Lake et al.	429	124	6/21/93	
	AH	5,326,652	7/5/94	Rickie Lake	429	127	1/25/93	
	AI	5,510,074	4/23/96	René Rose	264	261	2/23/94	
	AJ	5,434,397	7/18/95	Eric Diehl et al.	235	380	7/26/93	
	AK	5,416,423	5/16/95	Duncan O. De Borde	324	677	3/28/94	
FOREIGN PATENT DOCUMENTS								
	Document Number	Date	Country	Class	Subclass	Translation		
						Yes	No	
JF	AL	4120265	1/92	Germany				
	AM	1567784	5/80	United Kingdom				
	AN	4-75191	03/92	Japan				
	AO							
AP								
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
JF	AR		K. Casson et al., "High Temperature Packaging: Flip Chip on Flexible Laminate", Jan. 1992, Surface Mount Technology, pp. 19-20.					
	AS		R.W. Johnson, "Polymer Thick Films: Technology and Materials", July 1982, Circuits Manufacturing (reprint).					
	AT		K. Gillo, "Using SM Devices On Flexible Circuitry", March 1986, Electronics, pp. 20-23.					
EXAMINER <i>James A. Franklin</i>				DATE CONSIDERED <i>7/10/01</i>				
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U.S. PATENT DOCUMENTS								
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate		
	AA	5,068,894	11/26/91	Joseph Hoppe	380	23	8/22/90	
	AB	4,908,502	3/13/90	Winslow E. Jackson	235	437	2/8/88	
	AC	4,649,233	3/10/87	Walter E. Bass et al.	380	21	4/11/85	
	AD	4,453,074	6/5/84	Stephen B. Weinstein	235	380	10/19/81	
	AE	4,226,361	10/7/80	Leonard H. Taylor	235	380	10/27/78	
	AF	4,746,830	5/88	Holland	310	313 D		
	AG	4,484,355	11/84	Henke et al.	455	76		
	AH	4,680,724	7/87	Sugiyama et al.	364	708		
	AI	4,882,294	11/89	Christenson	437	90		
	AJ	5,008,776	4/91	Queyssac	361	392		
	AK	3,706,094	12/72	Cole et al.	342	44		
FOREIGN PATENT DOCUMENTS								
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	AL							
	AM							
	AN							
	AO							
	AP							
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
	AR		M.G. Kanazibis "Conductive Polymers", Dec. 3, 1990, Chemical and Engineering News - American Chemical Society, pp. 36-54.					
	AS		The New IEEE Standard Dictionary of Electrical and Electronics Terms, 5 th Ed., 1993, pg. 662.					
	AT		Merriam-Webster Collegiate Dictionary, 1993, p. 563.					
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09/17/75 7162

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					FILING DATE Filed Herewith		GROUP Unknown	
U.S. PATENT DOCUMENTS								
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate		
	AA	3,750,167	7/73	Gelman et al.	342	44		
	AB	3,780,368	12/73	Northeved et al.	342	44		
	AC	3,832,530	8/74	Reitboeck et al.	342	44		
	AD	3,849,633	11/74	Reitboeck et al.	235	487		
	AE	4,049,969	9/77	Salonimer et al.	356	5		
	AF	4,331,957	5/82	Enander et al.	342	22		
	AG	4,399,441	8/83	Vaughn et al.	342	50		
	AH	4,418,411	11/83	Strietzel	340	870.16		
	AI	4,724,427	2/88	Carroll	340	572		
	AJ	4,727,560	2/88	Van Zanten et al.	377	60		
	AK	4,746,618	5/88	Nath et al.	437	2		
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
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EXAMINER <i>Samara A. Franklin</i>				DATE CONSIDERED <i>7/10/01</i>				
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Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOC. ET NO. M140-322		SERIAL NO. Unknown	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT Mark E. Tuttle et al.			
					FILING DATE Filed Herewith		GROUP Unknown	
U.S. PATENT DOCUMENTS								
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate		
	AA	4,756,717	7/88	Sturgis et al.	427	290		
	AB	4,777,563	10/88	Teraoka et al.	361	395		
	AC	4,783,646	11/88	Matsuzaki	340	572		
	AD	4,827,110	5/89	Rossi et al.	235	376		
	AE	4,827,395	5/89	Anders et al.	364	138		
	AF	4,854,328	8/89	Pollack	128	736		
	AG	4,911,217	3/90	Dunn et al.	152	152.1		
	AH	4,918,631	4/90	Hara et al.	364	708		
	AI	4,942,327	7/90	Watanabe et al.	310	313		
	AJ	4,960,983	10/90	Inoue	235	449		
	AK	4,962,415	10/90	Yamamoto et al.	357	74		
FOREIGN PATENT DOCUMENTS								
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U.S. PATENT DOCUMENTS								
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate		
	AA	5,023,573	6/91	Adam	333	17.2		
	AB	5,095,240	3/92	Nyson et al.	342	44		
	AC	5,144,314	9/92	Malmberg et al.	342	44		
	AD	5,148,504	9/92	Levi et al.	385	14		
	AE	5,153,710	10/92	McCain	357	75		
	AF	5,166,502	11/92	Rendleman et al.	235	492		
	AG	5,214,410	5/93	Verster	340	572		
	AH	5,274,221	12/93	Matsubara	235	492		
	AI	5,302,954	4/94	Brooks et al.	342	44		
	AJ	5,313,211	5/94	Tokuda et al.	342	50		
	AK	5,337,063	8/94	Takahira	343	741		
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EXAMINER <i>Jamess A. Franklin</i>				DATE CONSIDERED <i>7/10/01</i>				
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09/17/95, 7/16

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<div style="font-family: cursive; font-size: 2em; transform: rotate(-90deg); position: absolute; left: -40px; top: 0;"> 5/95 7/15/97 4/15/97 5/15/90 2/21/78 11/05/96 04/29/97 09/24/96 03/10/98 02/25/97 03/18/97 </div>	AA	5,414,427	5/95	Gunnarsson	342	51		
	AB	5,649,296	7/15/97	MacLellan et al.	455	38.2		
	AC	5,621,412	4/15/97	Sharpe et al.	340	10.33		
	AD	4,926,182	5/15/90	Ohta et al.	342	044		
	AE	4,075,632	2/21/78	Baldwin et al.	342	051		
	AF	5,572,226	11/05/96	Tuttle (cited in parent as 08/422,007)	343	726		
	AG	5,624,468	04/29/97	Lake (cited in parent as 08/071,463)	029	623.5		
	AH	5,558,679	09/24/96	Tuttle	029	623.1		
	AI	5,725,967	03/10/98	Tuttle (cited in parent as 08/515,128)	429	185		
	AJ	5,605,547	02/25/97	Lake (cited in parent as 08/410,889)	029	25.01		
	AK	5,612,513	03/18/97	Tuttle et al. (cited in parent as 08/530,747)	174	260		
FOREIGN PATENT DOCUMENTS								
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				FILING DATE Filed Herewith	GROUP Unknown			
U.S. PATENT DOCUMENTS								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA	5,652,070	07/29/97	Blonsky et al. (cited in parent as 08/588,559)	429	162		
	AB	5,603,157	02/18/97	Lake et al. (cited in parent as 08/205,590)	029	623.4		
	AC	5,820,716	10/13/98	Tuttle (cited in parent as 08/147,495)	156	085		
	AD	5,937,512	08/17/99	Lake et al. (cited in parent as 08/585,428)	029	832		
	AE	5,497,140	03/05/96	Tuttle (cited in parent as 08/610,236)	340	10.1		
	AF	5,719,586	02/17/98	Tuttle (cited in parent as 08/584,788)	343	726		
	AG	5,619,066	04/08/97	Curry et al.	257	679		
	AH	5,340,968	08/23/94	Watannabe et al.	235	380		
	AI	5,200,362	04/06/93	Lin et al.	029	841		
	AJ	4,956,645	09/11/90	Guená et al.	342	361		
	AK							
FOREIGN PATENT DOCUMENTS								
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
jf	AR		U.S. Patent Application Serial No. 08/538,826, Filed October 5, 1995 - now abandoned.				
jf	AS		U.S. Patent Application Serial No. 08/489,185, Filed June 9, 1995 - now abandoned.				
jf	AT		U.S. Patent Application Serial No. 08/602,686, Filed February 16, 1996 - now abandoned.				
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